

FIG. 1

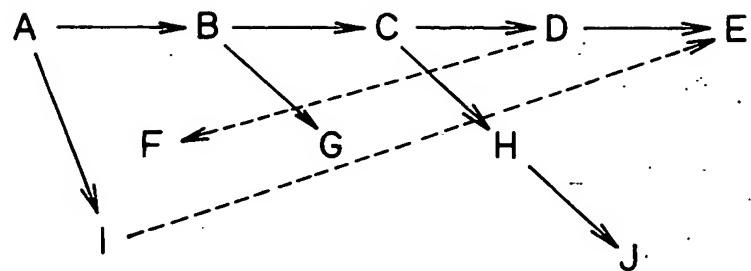


FIGURE 1-2

FIG. 2

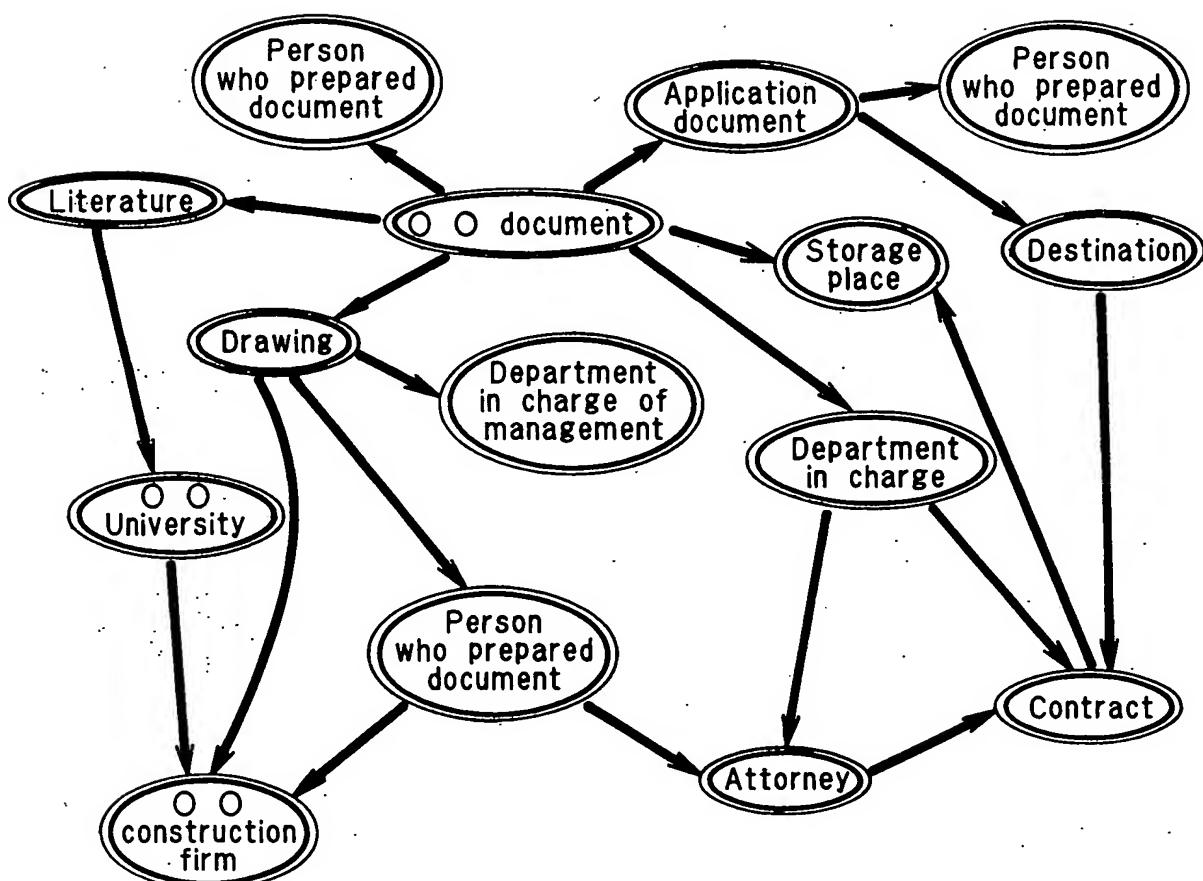


FIGURE 3. PEDIGREE

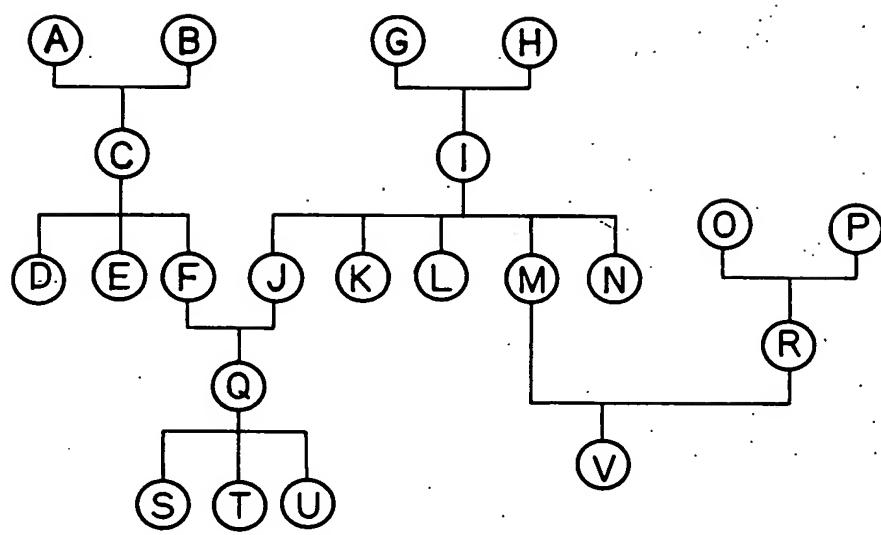


FIG. 4

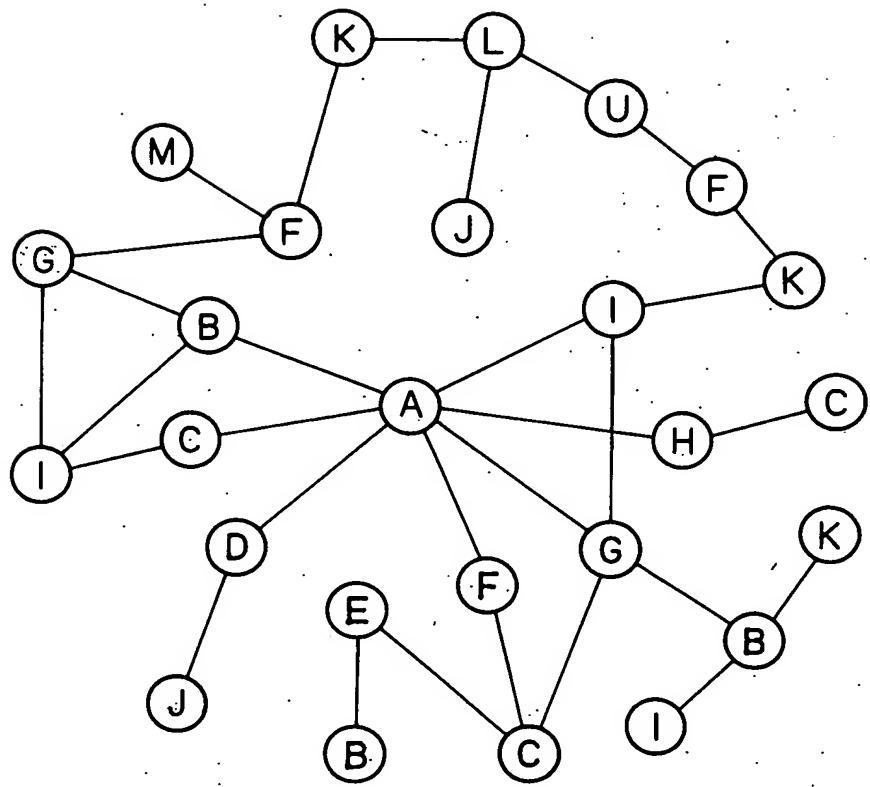


FIG. 5

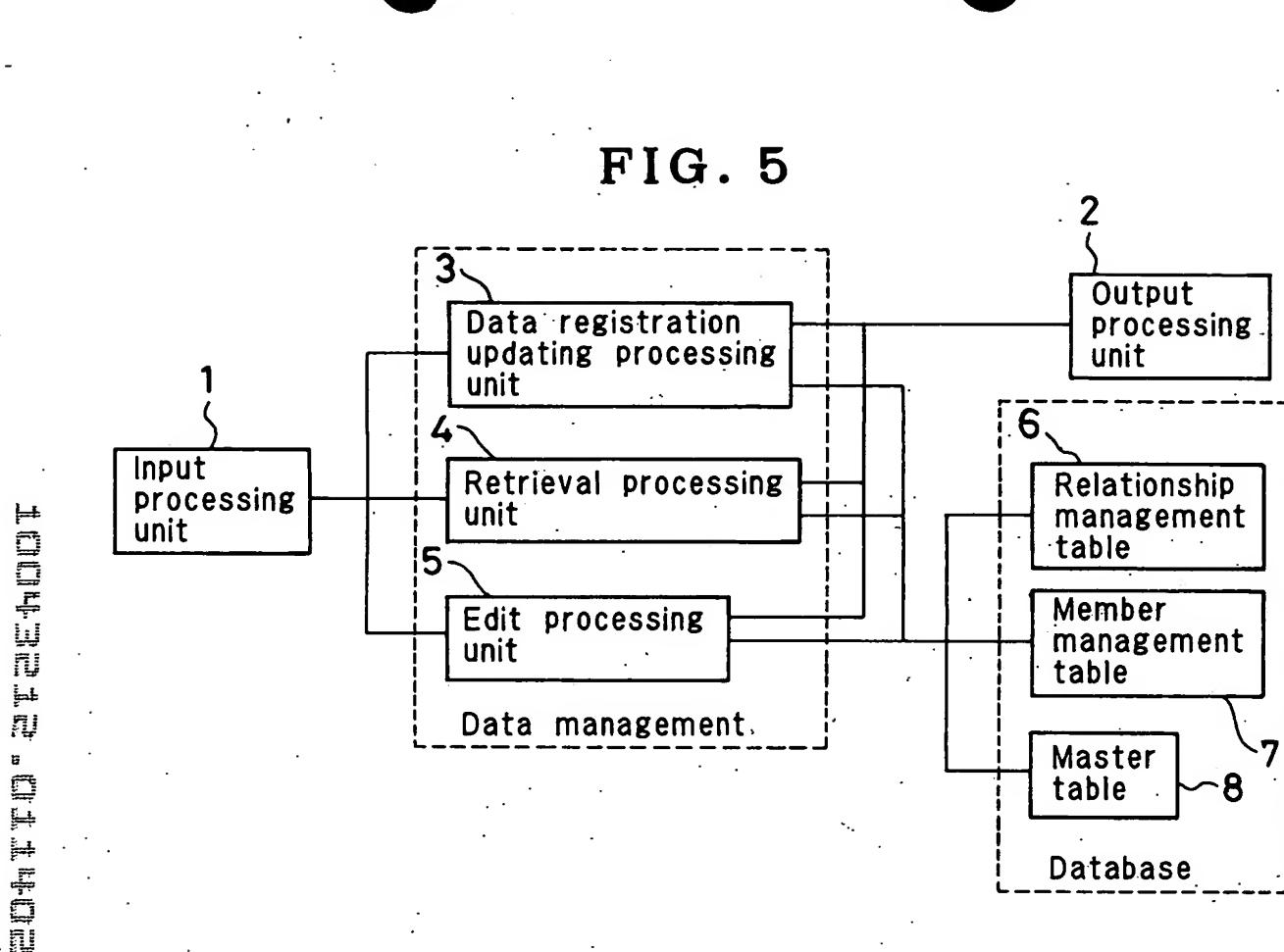


FIG. 6

Identifier	Member detailed information	
Type	Summary	History
Rank		
Classification		
Job type		
Data		

FIG. 7

Identifier (parent)	Identifier (child)	Relationship classification

FIG. 8(A) FIG. 8(B)

FIG. 8(C)

Table for each type		Rank table			Classification table		
Member type		Rank	Priority rank	Large classification		Medium classification	Small classification
Person		Most important	High	Tokyo	Shibuya-ku	Ebisu	
Company		Important	Intermediate	Head office	General Affairs Dept.	General Affairs Dept.	
Document		Customer A rank	Low				

FIG. 8(D)

FIG. 8(E)

Job type table	Relationship classification table
Manufacturer	Relationship classification
Information service provider	Superior staff
Self-governig body	Subordinate staff

FIG. 9

1004322-00000

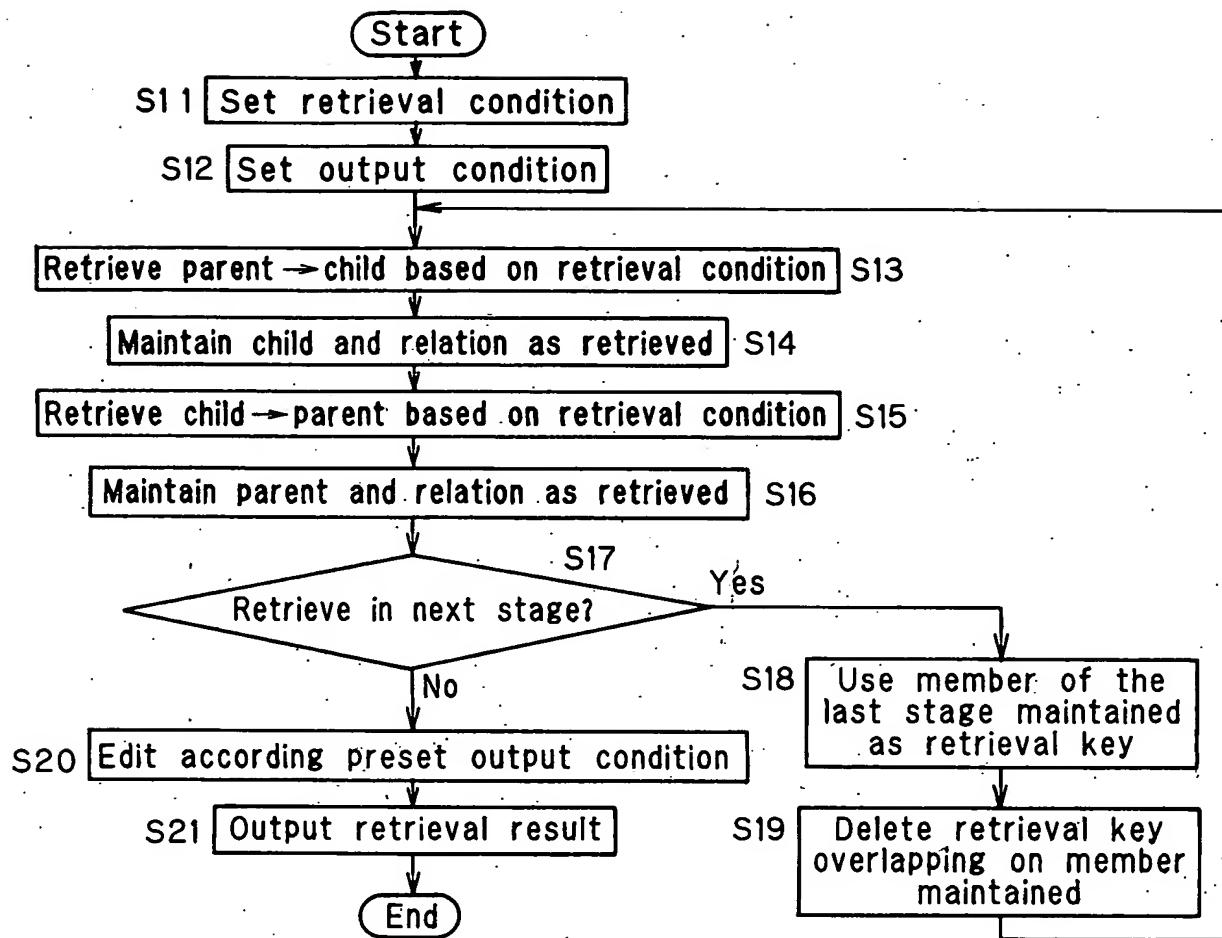


FIG. 10(A)

Member name (ID)	
Type	
Classification	
Rank	
Job type	
Scope of retrieval	

Parent	
Child	
Color	Parent Child
Relationship	
Mode	
Pattern	

FIG. 10(B)

FIG. 11

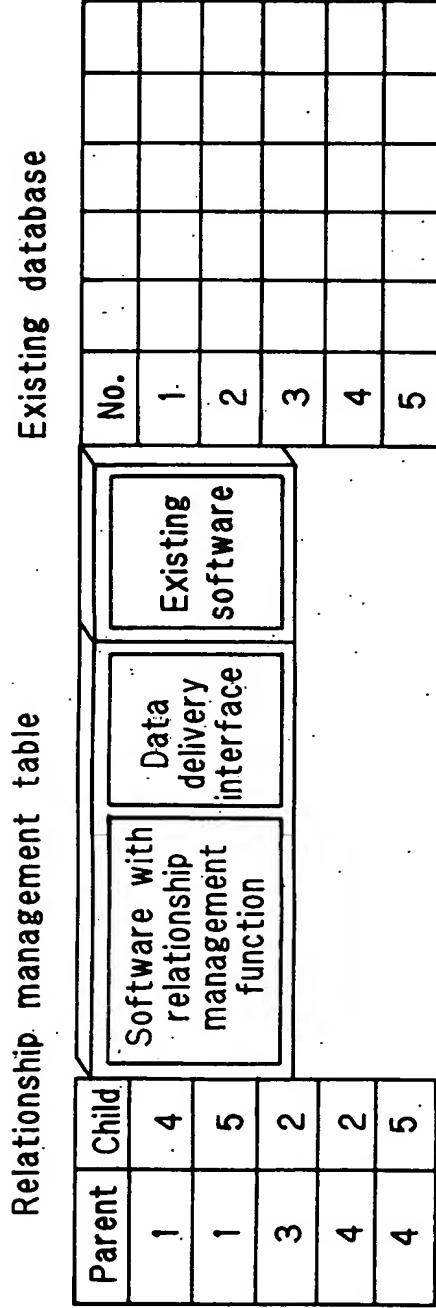


FIG. 12

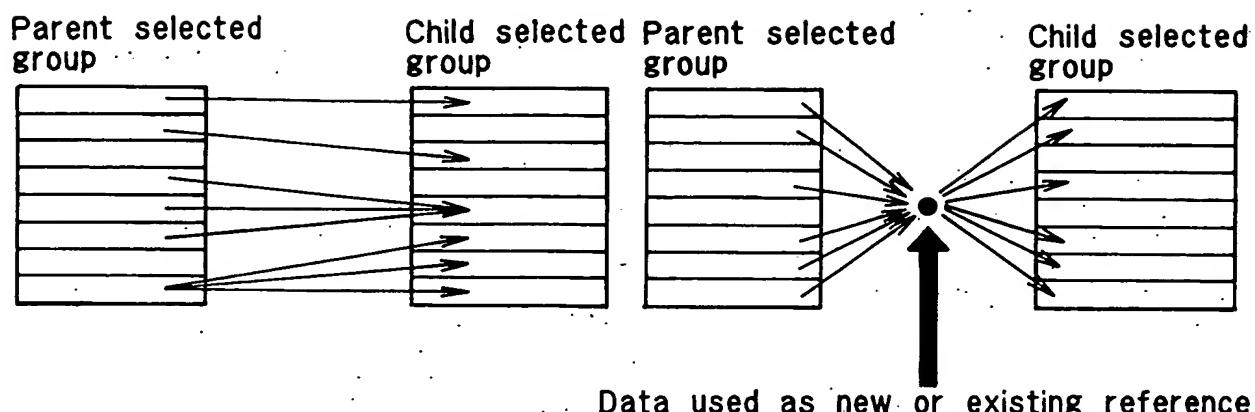
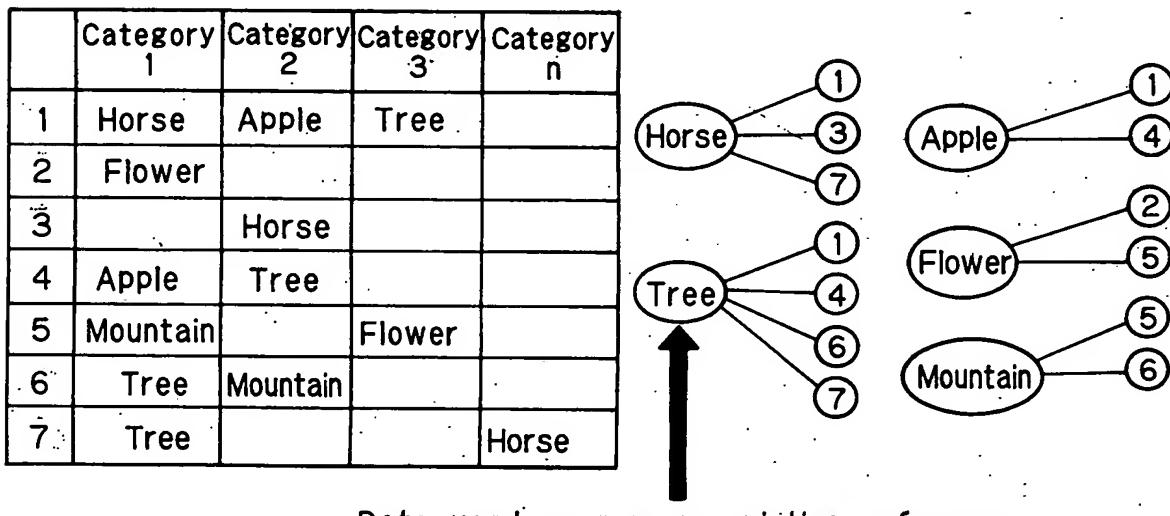


FIG. 13



Data used as new or existing reference

FIG. 14

Manager (professional version)

to switch over database

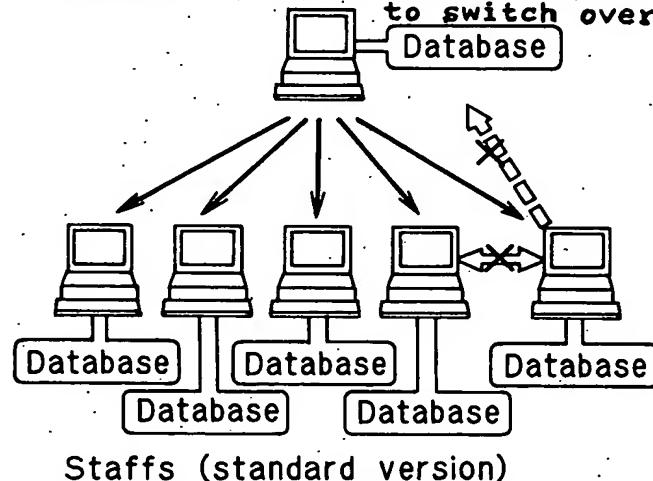


FIG. 15(B) File management software

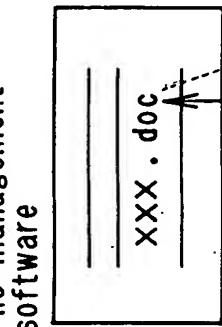


FIG. 15(C) CAD drawing

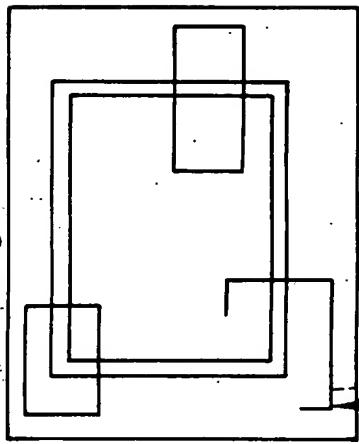


FIG. 15(D) Table calculation software

A3	A	B	C
1	Fukuoka	123	1
2	Saga	124	23
3	Nagasaki	125	45
4	Oita	126	67
5	Kumamoto	127	89
6	Miyazaki	128	111
7	Kagoshima	129	133

FIG. 15(E) Any object in drawing selected as desired



FIG. 15(F) Relationship management table

Parent	Child
1	4
1	5
3	2
4	2
4	5

Identifier	Object or attribute or attribute information
1	
2	
3	
4	
5	

Relationship management table

Parent	Child
1	4
1	5
3	2
4	2
4	5

FIG. 16(A)

Member management table

ID	FAT information or address recorded in FAT
1	
2	
3	
4	
5	

FAT information

Relationship management table

Parent	Child
1	4
1	5
3	2
4	2
4	5

FIG. 16(B)

File allocation table

ID	FAT information
1	
2	
3	
4	
5	

FIG. 16(C)

Relationship management table

FAT information and the like	FAT information and the like

FAT information

FIG. 17(A)

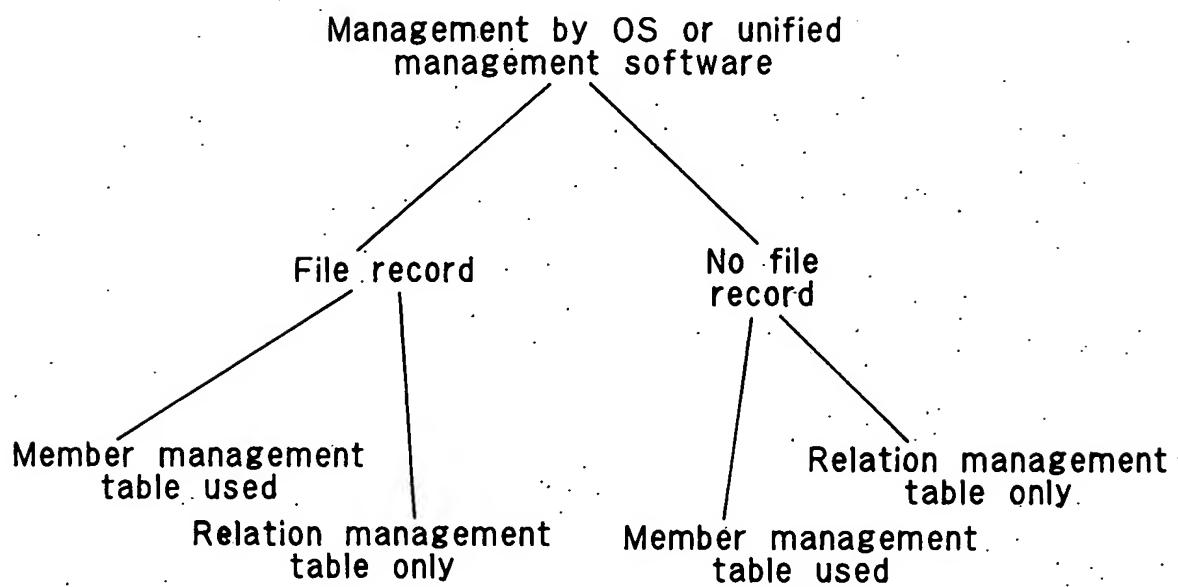


FIG. 17(B)

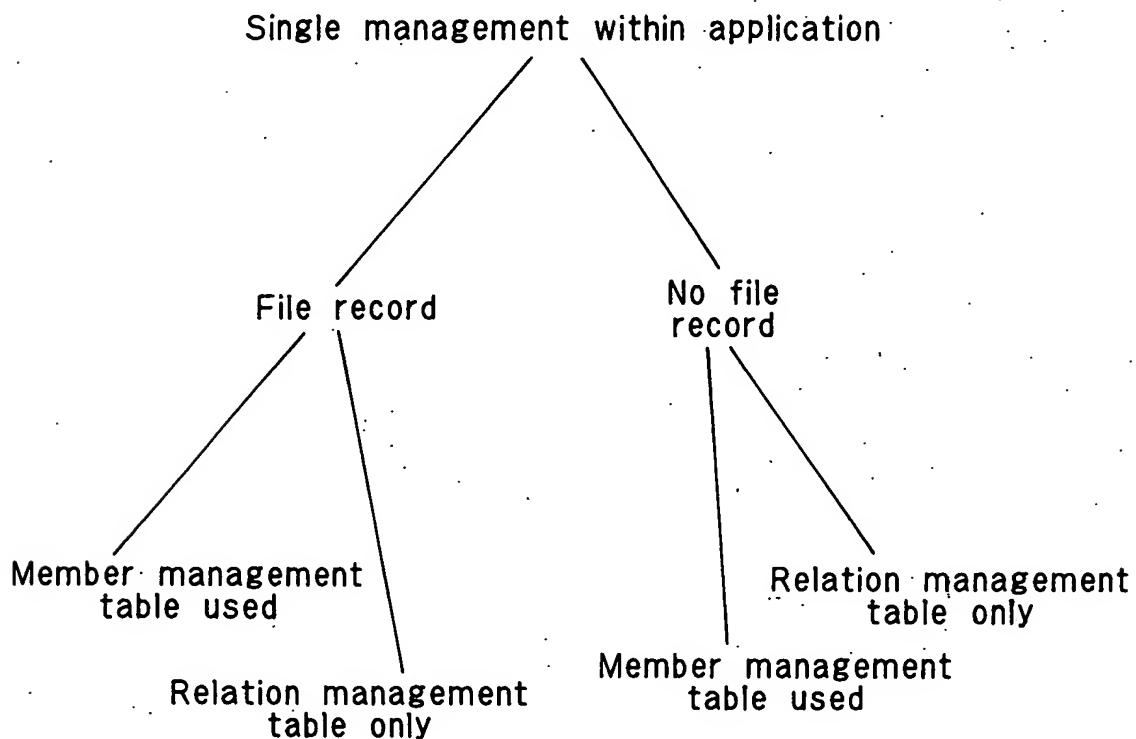


FIG. 18

CONFIDENTIAL

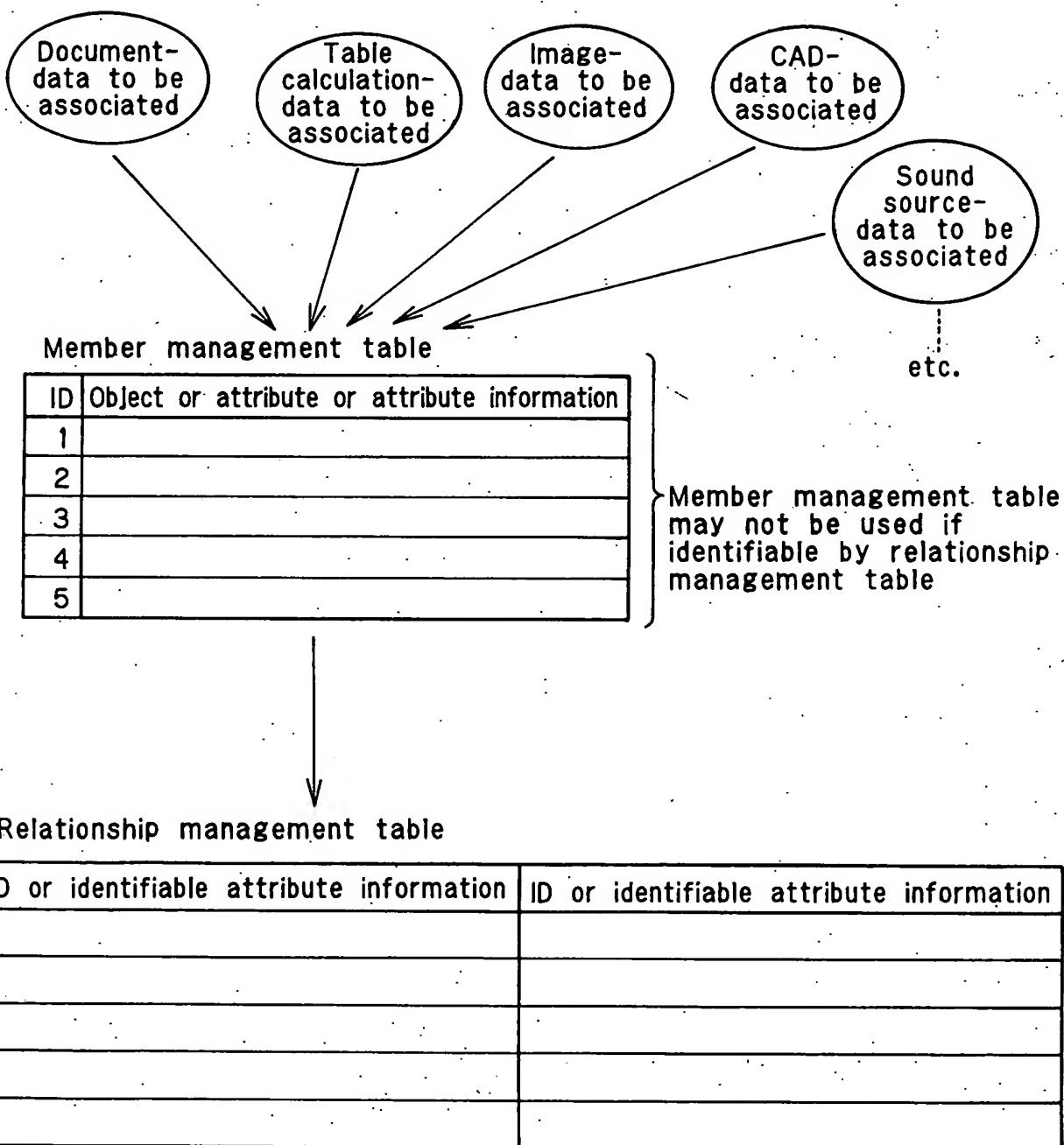


FIG. 19(A)

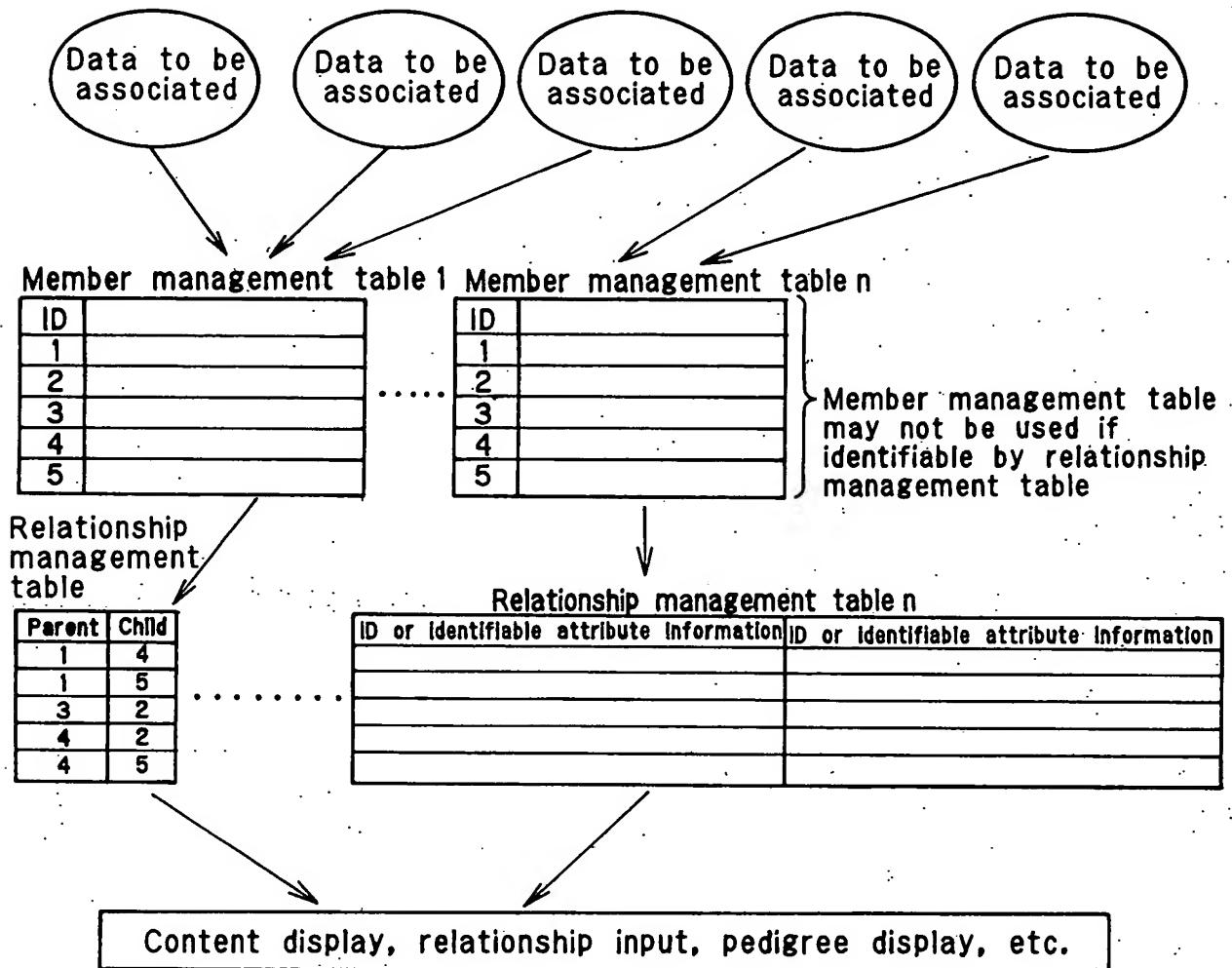


FIG. 19(B)

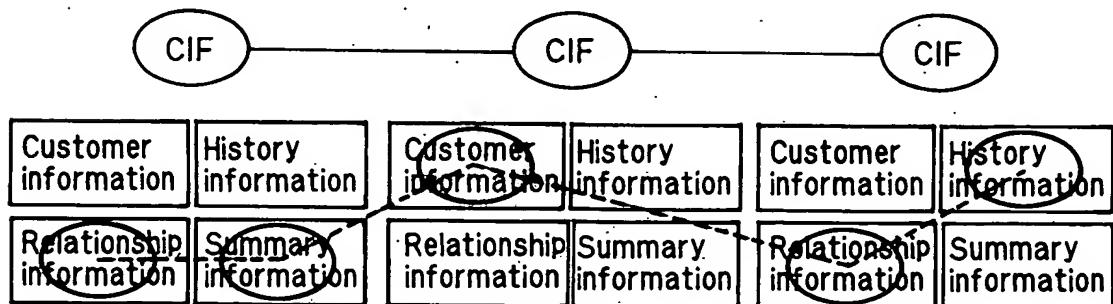
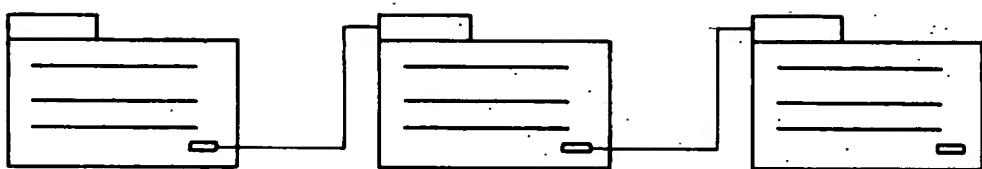
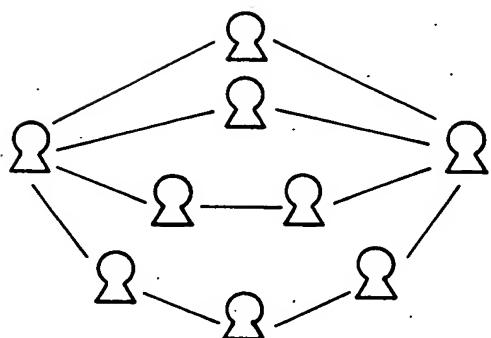


FIG. 20



10243210.000001

FIG. 42



In the case shown
at left

- Relative of the second
degree (1)
- Relative of the second
degree (2)
- Relative of the third
degree (1)
- Relative of the fourth
degree (1)

FIG. 21

In case members are aligned
in the order of parents

Parent	Child	Relationship
A	B	Friend
A	D	Family member
C	A	Colleague
D	B	Fishing friend
D	E	Fishing friend

In case members are aligned
in the order of children

Parent	Child	Relationship
C	A	Colleague
A	B	Friend
D	B	Fishing friend
A	D	Family member
D	E	Fishing friend

FIG. 22

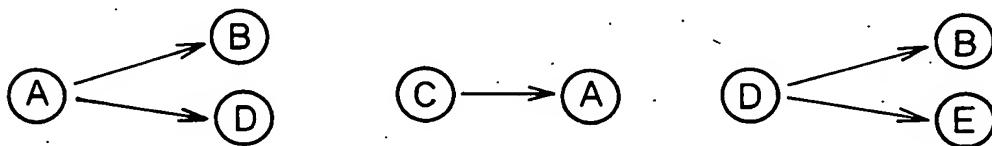


FIG. 23

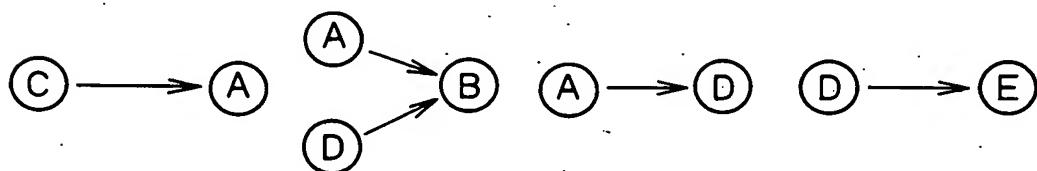


FIG. 24

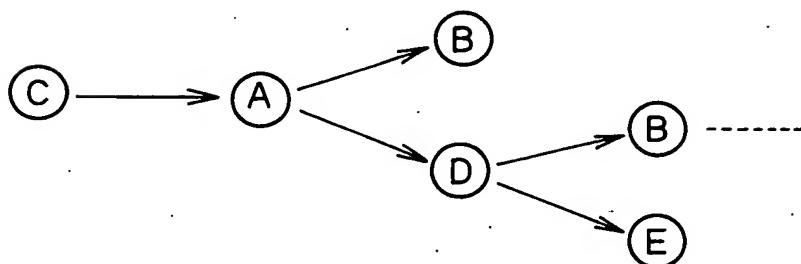


FIG. 25

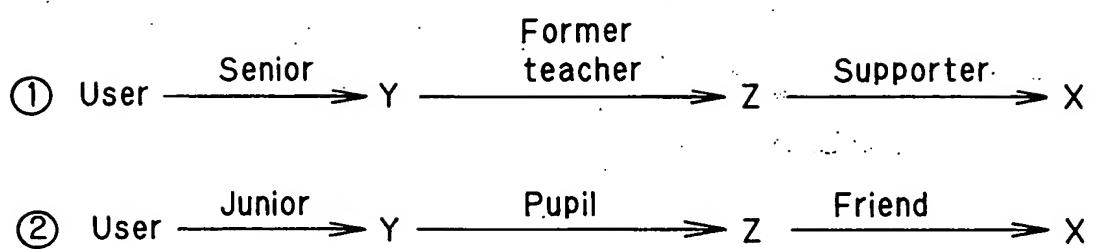


FIG. 26

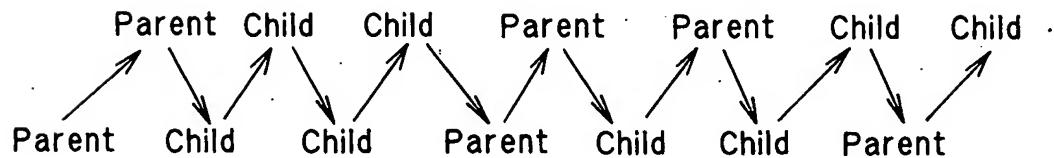
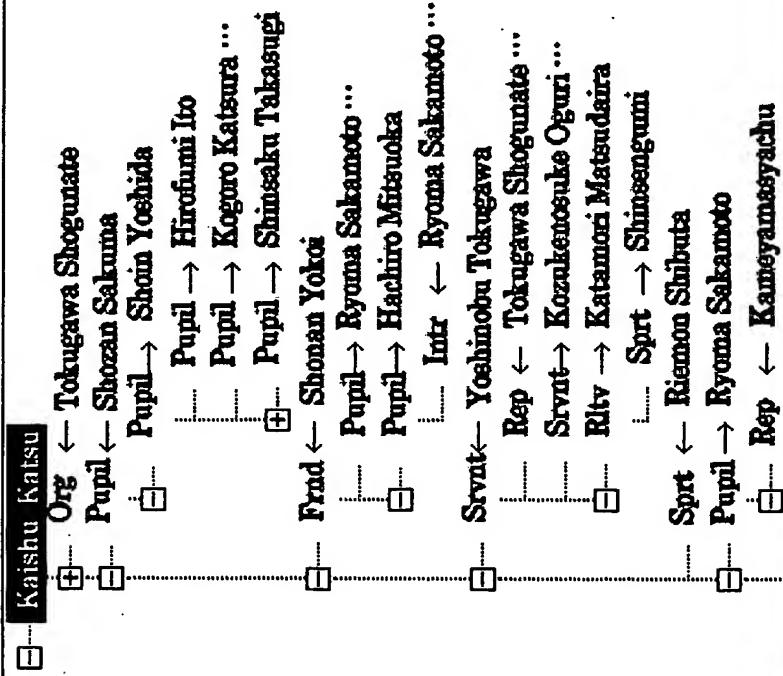


FIG. 27

Chart for introduction of relationship - Closest 5 degree of relationship

Type of displayed member Parent Child



Red : Parent member Blue : Child member ... : Member which is displayed in upper degree

Details

Right side print

Back

FIG. 28

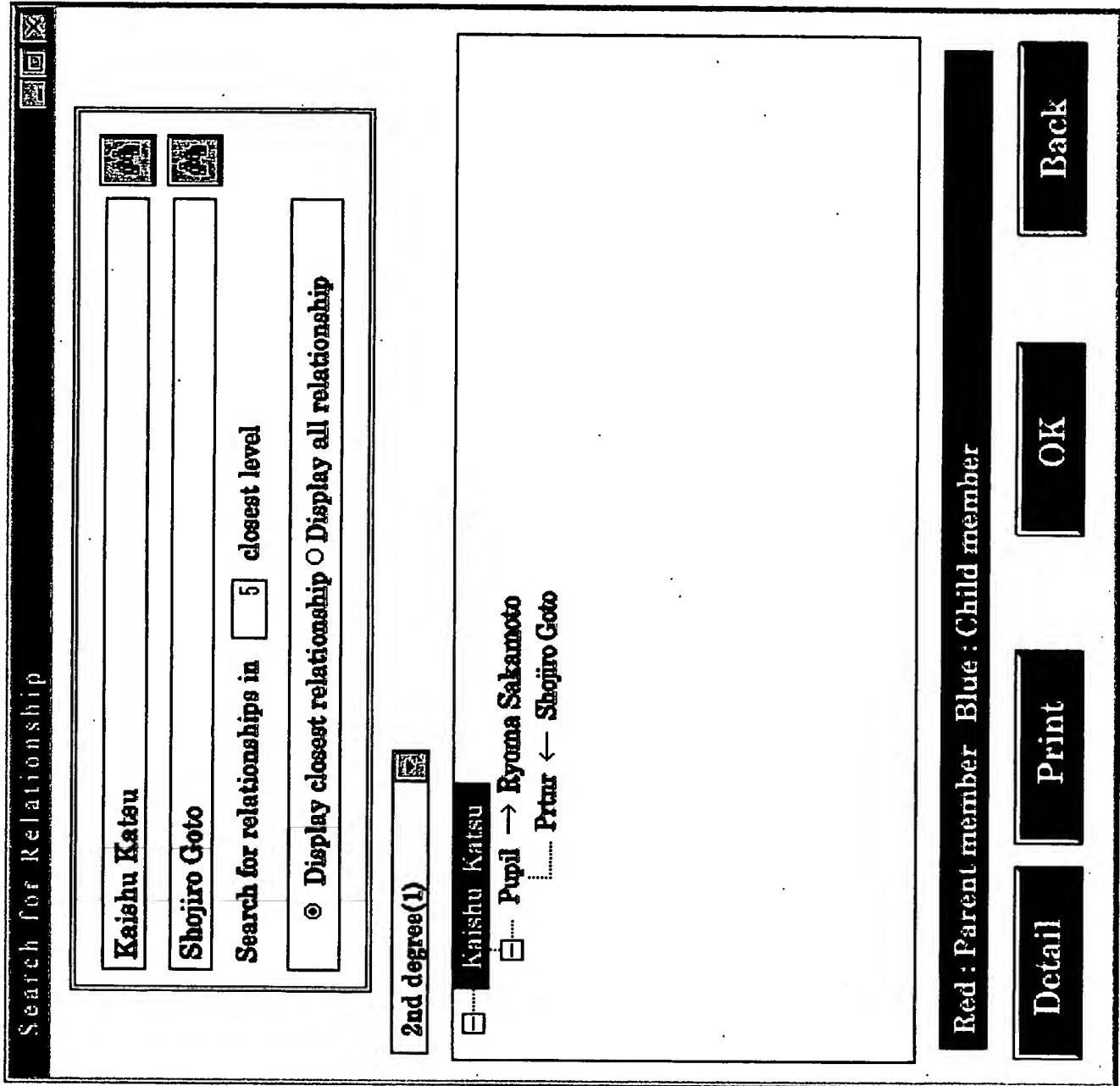


FIG. 29

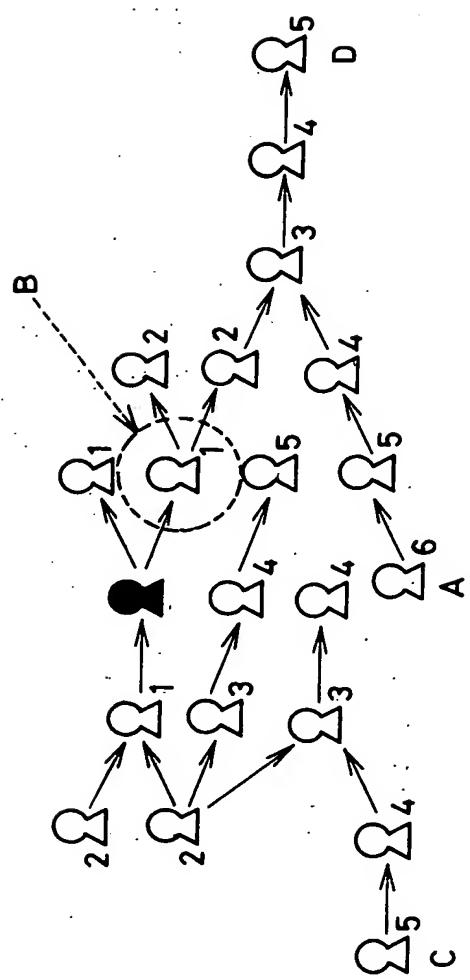


FIG. 30

DATE: 10/12/2001

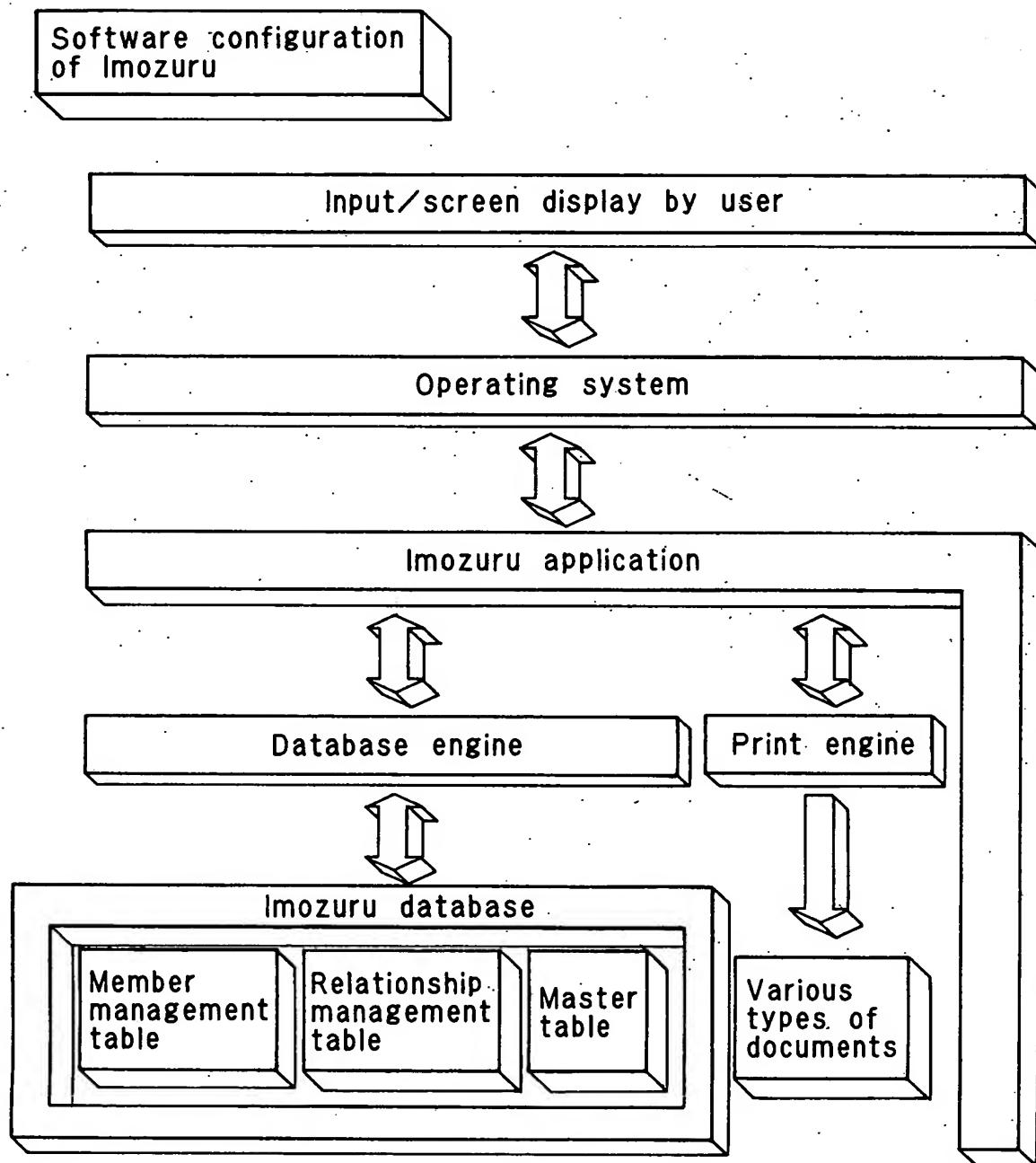


FIG. 31
FIGURE 31

Pedigree-like Personal Relationship Management System - "IMOUZURU-KUN"						Exit
<input type="button" value="All"/> <input type="button" value="AB"/> <input type="button" value="CD"/> <input type="button" value="ETC"/> <input type="button" value="HI"/> <input type="button" value="JKL"/> <input type="button" value="MN"/> <input type="button" value="OP"/> <input type="button" value="QR"/> <input type="button" value="STU"/> <input type="button" value="VZ"/> <input type="button" value="Symb"/> <input type="button" value="Cond"/>						Exit
 Professional Ver.2.10						Exit
Management						Exit
<input type="button" value="Add Member"/> <input type="button" value="Modify"/> <input type="button" value="Delete"/> <input type="button" value="Input relationship"/> <input type="button" value="Display link tree"/>						Exit
1	Person	Hirofumi Ito	Ito Hirofumi	Phone xxx-xxx-xxxx	Address Choshu	Exit
2	Company	Irohamaru	Irohamaru			Exit
3	Person	Yumomi Iwakura	Iwakura Tomomi		Kyoto	Exit
4	Company	Tokugawa Shogu	Shogunate Tokug		Chiyoda-ku Tok	Exit
5	Person	Toshimichi Okub	Okubo Toshimich		Satsuma	Exit
6	Person	Kozukemotsuke O	Oguri Kozukem		Surugadai Edo	Exit
7	Person	Kashii Katsu	Katsu Kaih	xxx-xx-xxxx	Hikawa Edo	Exit
8	Person	Kogoro Katsura	Katsura Koguro	xxx-xx-xxxx	Hagi Choshu	Exit
9	Company	Kameyamashach	Kameyamashach	xxx-xx-xxxx		Exit
10	Person	Shojiro Goto	Goto Shojiro		Kochi Tosa	Exit
11	Person	Takamori Saigo	Saigo Takamori		Satsuma	Exit
12	Person	Ryoma Sakamoto	Sakamoto Ryoma	xxx-xx-xxxx	Kochi	Exit
13	Person	Shozan Sakuma	Sakuma Shozan	xx-xx-xxxx	Shinsbu	Exit
14	Person	Riemon Shibusawa	Shibusawa Riemon	xx-xx-xxxx	Hokkaido	Exit
15	Company	Shinsengumi	Shinsengumi		Kyoto	Exit
16	Person	Shinsaku Takeuchi	Takesugi Shinsaku	xxx-xx-xxxx	Choshu	Exit
17	Person	Yoshimoku Tokug	Tokugawa Yoshim	xxx-xx-xxxx	Mito	Exit
18	Person	Katamori Matsui	Matsudaira Kata	xxx-xx-xxxx	Kyoto	Exit
19	Person	Hechiro Mitsuok	Mitsunaka Hechir	xx-xx-xxxx	Echizen	Exit
20	Person	Shinan Yoko	Yokoi Shinan		Eigo	Exit
21	Person	Shoun Yosihida	Yosihida Shoun		Nagato	Exit
						Close "IMOUZURU-KUN"

FIG. 32

Register / Modify Member detail

Person Company

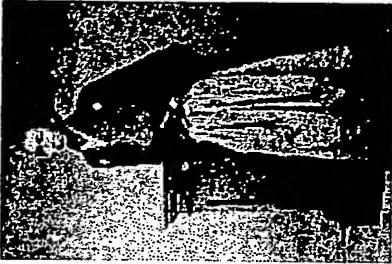
Name1	Ryoma Sakamoto	Registration date	2000/10/24	Modification date & time	2001/09/05 09:49:10
Name2	Sakanoto Ryoma	<input checked="" type="checkbox"/> Image  d:\xxx\www\xxx\xxx.bmp			
Sex	<input checked="" type="radio"/> Male <input type="radio"/> Female <input type="radio"/> N/A	<input checked="" type="checkbox"/> Secret	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Zip	xxx-xxx	<input checked="" type="checkbox"/> Mail to:	Not Mail	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Home Address	Tosa	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Phone	xxx-xxxx-xxxx	<input checked="" type="checkbox"/> Facsimile	xxx-xxxx-xxxx	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cel.Phone	xxx-xxxx-xxxx	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
BOX	<input checked="" type="checkbox"/> Most Important	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Birthday	1835/11/15	(Age 166)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Class	030301	Representative	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Nagasaki-Company	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E-mail	xxx@xxx.ne.jp	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
URL	www.xxxx.ne.jp	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="button" value="Print"/> <input type="button" value="Relation"/> <input type="button" value="Delete"/> <input type="button" value="New Mem"/> <input type="button" value="Modify"/> <input type="button" value="Back"/> <input type="button" value="History"/>					

FIG. 33

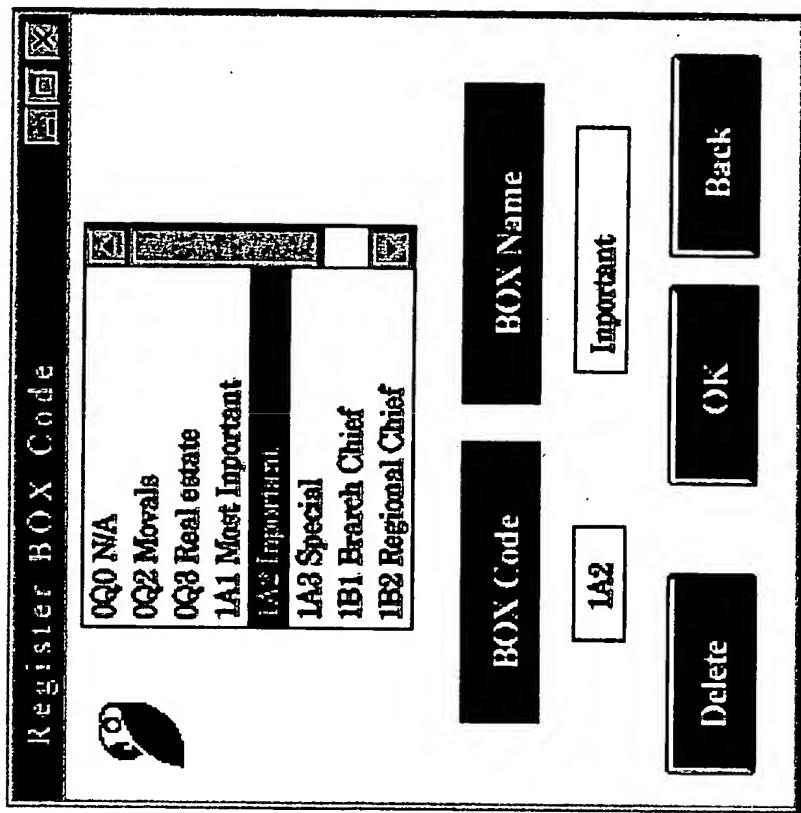


FIG. 34

Modify priority of BOX

Priority	BOX	Name of class
1	0Q0	NA
2	0Q2	Morals
3	0Q3	Real estate
4	1A1	Most Important
5	1A2	Important
6	1A3	Special
7	1B1	Branch Chief
8	1B2	Regional Chief
9	1C1	General
10	2A1	Sp-A Strang

New

Old

Priority Before BOX Name of class

Add →

Upper of current
 End of list

Return ←

OK

Back

FIG. 35

Register Classification Code

Small Class

00 -

Middle Class

00 -

Large Class

01	N/A
01	Edo
02	Kyoto
03	Nagasaki
04	Satsuma
05	Choshu
06	Tosa
07	Higo
08	Shirano
09	Echizen

Delete

OK

Back

FIG. 36
EDITED SCREEN

Register Relationship Classification	
For Modification data, double-click or type relationship classification code.	
000	N/A
002	Same Member
003	Representative
004	Belonging Organization
005	Fellow
006	Pupil
007	Introducer
008	Friend
009	Servant

Relate Code: **005** Relate Code Name: **Fellow** Abbrev. Name: **Fl**

OK **Delete** **Back**

FIG. 37

Modify priority of Relationship Classification

Priority	Code	Code Name	Abbrev
1	000	N/A	N/A
2	002	Same Member	Same
3	003	Representative	Rep
4	004	Belonging Organ	Org
5	005	Fellow	Fll
6	006	Pupil	Pupil
7	007	Introducer	Intr
8	008	Friend	Frnd
9	009	Servant	Srvnt

New

Old

Add —

Upper of current

End of list

Return —

OK

Back

FIG. 38 FIGURE 38 FIGURE

Register Relationship		Relationship Register									
A Base member  BOX [Most Important]		 Notes of parent  Notes of Child  Notes of Relationship  Introducing date  Common Anniversary  Notes date  P to C Degree  C to P Degree  Degree of Friendship  Relate-Custom1  Relate-Custom2									
B Object member  from Parent A to Child B  BOX [Me]		 Switch P/C  000 N/A  001 N/A  002 Same  003 Rep  004 Org  005 Fil  007 Irr  008 Friend  009 Servat									
C Relationship  from Parent A to Child B  BOX [Me]		 Switch P/C  000 N/A  001 N/A  002 Same  003 Rep  004 Org  005 Fil  007 Irr  008 Friend  009 Servat									
D Detail  Phone xx-xxxx-xxxx Faximile 		 Notes  Notes of Relationship  Introducing date  Common Anniversary  Notes date  P to C Degree  C to P Degree  Degree of Friendship  Relate-Custom1  Relate-Custom2									
E Chart  Print Obj		 Revise Delete  Reset Relate									

FIG. 39

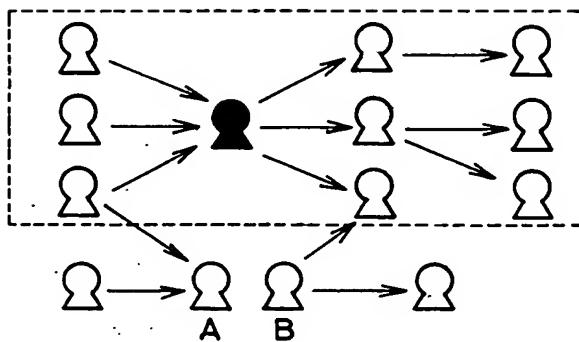
Chart for Introduction of Relationship - Parent, Child, Grandchild

Parent Member		Child Member		Grandchild	
					
Link	Name	Link	Name	Link	Name
Intr	Takanori Saigo	Intr	Kaishu Mitsuoka	Intr	Kaishu Katsu
Intr	Hachiro Mitsuoka	Intr	Kogoro Katsura	Intr	Kogoro Katsura
Intr	Kogoro Katsura				

Basic Member	
	
Ryoma Sakamoto	
Sakamoto Ryoma	
XXX-XXXX	
Tosa	
XXX-XXX-XXX	

Change Object	
Detail	Link-Search
Closest 5 degrees	Back

FIG. 40



2011.10.22.2000

FIG. 41

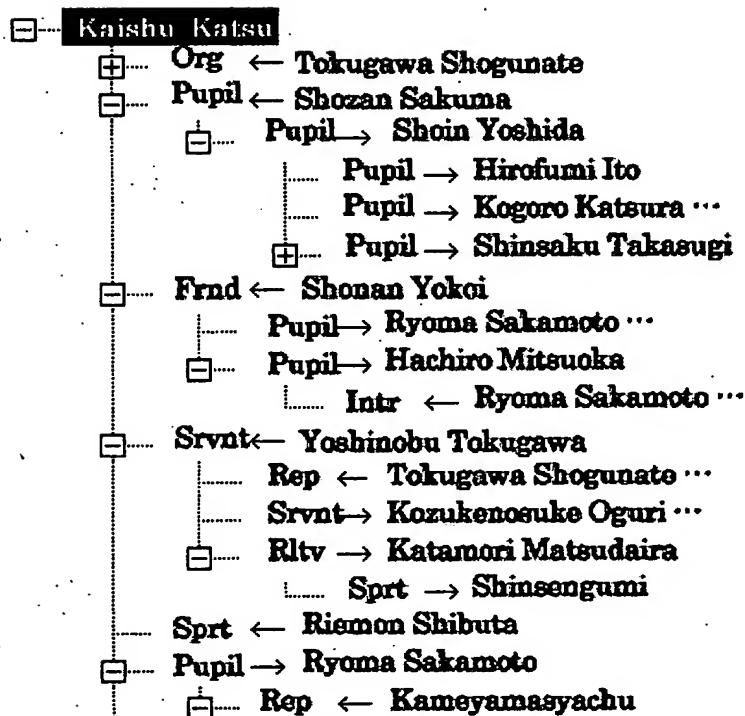


FIG. 4.3

Relationship management
table (KKT)

ID	Parent	Child	Relationship classification
1	A	B	XXX
2	A	C	XXX
3	B	C	XXX
4	C	D	XXX
5	D	A	XXX

Relationship vector table (KVT)

ID	Origin	Destination	Relationship classification	Time	Position	Differentiation	KKT-ID
1	A	C	XXX	XXX	XXX	XXX	XXX	2
2	A	C	XXX	XXX	XXX	XXX	XXX	2
3	C	A	XXX	XXX	XXX	XXX	XXX	2
4	B	C	XXX	XXX	XXX	XXX	XXX	3
5	B	C	XXX	XXX	XXX	XXX	XXX	3
6	C	B	XXX	XXX	XXX	XXX	XXX	3
7	C	B	XXX	XXX	XXX	XXX	XXX	3
8	C	B	XXX	XXX	XXX	XXX	XXX	3
9	A	D	XXX	XXX	XXX	XXX	XXX	5
10	A	D	XXX	XXX	XXX	XXX	XXX	5

There may be arbitrary
additional formation

Arbitrary additional information

FIG. 44

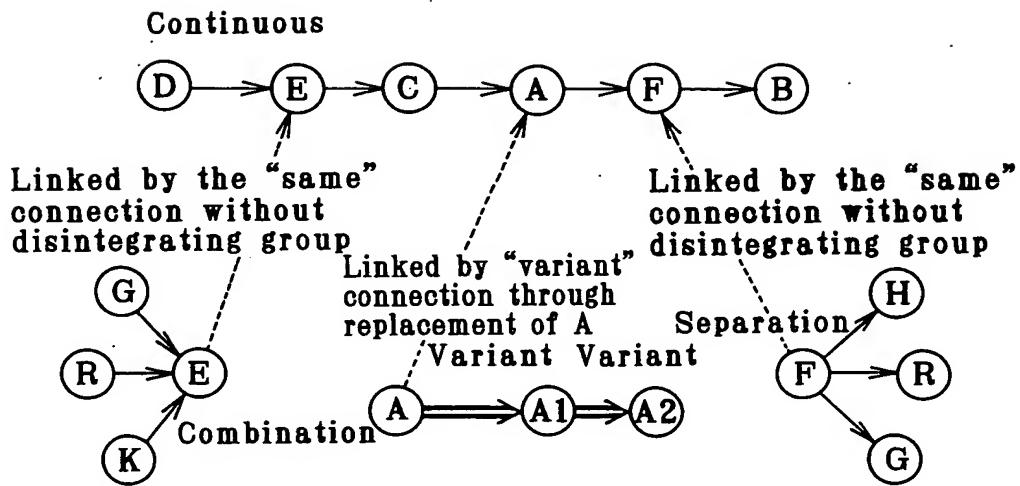


FIG. 45

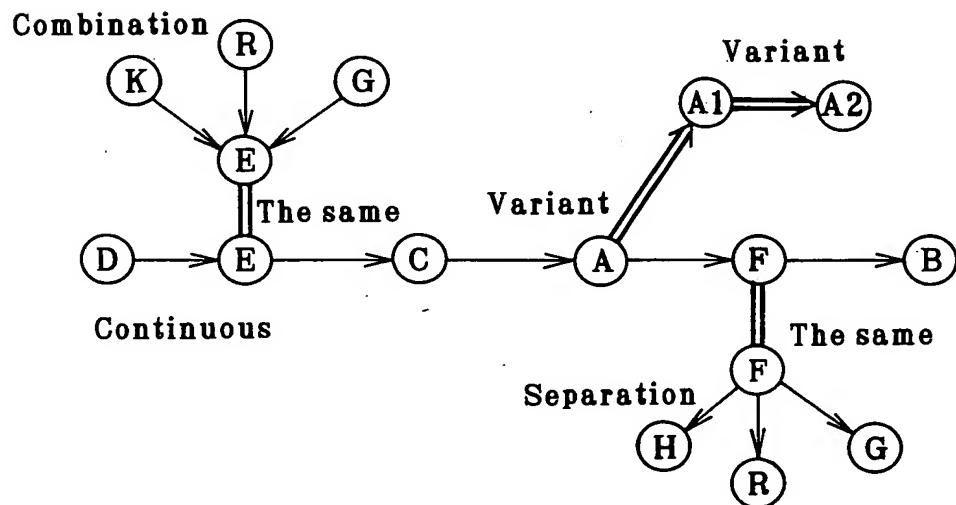
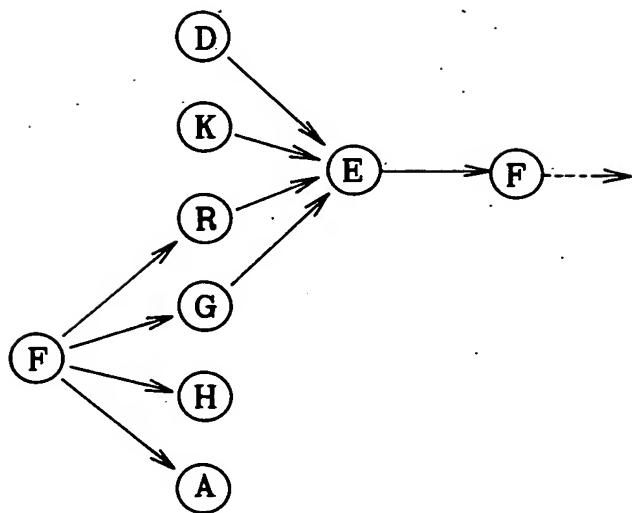


FIG. 46



10043212.011402

FIG. 47

